FIBO · LEARN, PRACTICE & EXPLORE MATH

Unit 3 · Decimals & Percents — Unit Test

16 questions · 16 points · show your work in the box under each question

Name _____ Date _____

Class _____

Directions: Answer each question. Show your work in the box — partial credit rewards clear steps. No calculators unless your teacher says so.

1 **The 9 in 2.98 is worth ___? (Write as a decimal.)** [1 pt]

2 **Write 0.6 as a fraction in lowest terms. (Slash form, e.g. 1/2.)** [1 pt]

3 **Compute: 7.25 + 4.8.** [1 pt]

4 **Compute: 15 − 6.75.** [1 pt]

5 **Compute: 1.2 × 0.8.** [1 pt]

6 **Compute: 9.6 ÷ 0.8.** [1 pt]

7 **Write 0.375 as a percent. (Include the % sign.)** [1 pt]

8 **Write 72% as a decimal.** [1 pt]

9 **Write 5/8 as a percent. (Include the % sign.)** [1 pt]

10 **Find 20% of 150.** [1 pt]

11 **Find 75% of 200.** [1 pt]

12 **Find 15% of 60.** [1 pt]

13 **A $80 jacket is 25% off. What is the sale price? (Just the number.)** [1 pt]

14 **A price rises from $40 to $50. What is the percent increase? (Include the % sign.)** [1 pt]

15 **$200 earns 5% simple interest per year for 3 years. How much interest? (Just the number.)** [1 pt]

16 **A store raises a $60 price by 10%, then cuts the new price by 10%. What is the final price?** [1 pt]

- **A.** $60.00
- **B.** $59.40
- **C.** $66.00
- **D.** $54.00

Grade chart

Grade	Percent	Points (of 16)
A	90–100%	14.5–16 pts
B	80–89%	13–14 pts
C	70–79%	11.5–12.5 pts
D	60–69%	10–11 pts
F	Below 60%	below 10 pts